

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	28	((IAN) near2 (STONES)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/07 16:24
S2	40	((IAN) near2 (STONES)).INV.	EPO; JPO; DERWENT	OR	ON	2009/05/07 16:24
S3	104	((DAVID) near2 (GOODWIN)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/07 16:24
S4	56	((DAVID) near2 (GOODWIN)).INV.	EPO; JPO; DERWENT	OR	ON	2009/05/07 16:24
S5	885	holweck or siegbahn or gaede	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/07 16:25
S6	104	((DAVID) near2 (GOODWIN)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 07:36
S7	17	S8 and vacuum	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 07:36
S8	885	holweck or siegbahn or gaede	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/11 07:40
S9	380	S8 and vacuum	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/11 07:40
S10	0	"0919726".pn.	EPO	OR	ON	2009/05/11 08:08
S11	1	"919726".pn.	EPO	OR	ON	2009/05/11 08:08
S12	7	("5707213"   "5733104"   "6030189"   "6193461"   "6200107"   "6220824").PN. OR ("6709228").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:13
S13	13	("4929151"   "5350275"   "5577883").PN. OR ("5707213").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:16

S14	8	("4699570"   "4929151"   "5209631"   "5443368"   "5707213"   "5900537"   "6030181"   "6030189").PN. OR ("6454524").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:18
S15	21	("4472962"   "4550593"   "4655678"   "4826393"   "4832564"   "4919599"   "5695316"   "5733104").PN. OR ("6030189").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:19
S16	13	("3857545"   "3947193"   "4090815"   "4797068"   "4822251"   "5221179"   "5236313"   "5261802"   "5445502"   "5451147"   "5848873"   "5951266"   "6030189").PN. OR ("6607365").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:24
S17	14	("2362922"   "3802794"   "4332522"   "4668160").PN. OR ("4826393").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:27
S18	291	415/74.cls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/11 09:39
S19	28	((IAN) near2 (STONES)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/11 09:40
S20	40	((IAN) near2 (STONES)).INV.	EPO; JPO; DERWENT	OR	ON	2009/05/11 09:40
S21	56	((DAVID) near2 (GOODWIN)).INV.	EPO; JPO; DERWENT	OR	ON	2009/05/11 09:40

S22	289	S18 not (S19 or S20 or S6 or S21 or S6 or S7 or S12 or S13 or S14 or S15 or S16 or S17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 09:40
S26	1193	415/90.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:44
S28	903	415/199.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:45
S29	649	416/176.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:45
S30	226	416/177.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:45
S31	885	holweck or siegbahn or gaede	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S32	380	S31 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S33	291	415/74.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S34	1059	S26 not (S32 or S33 or S28 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S35	869	S28 not (S32 or S33 or S26 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S36	618	S29 not (S32 or S33 or S26 or S28 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46
S37	200	S30 not (S32 or S33 or S26 or S28 or S29)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:46

S38	1140	415/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:47
S39	1031	S26 not (S32 or S33 or S28 or S29 or S30 S38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:47
S40	855	S28 not (S32 or S33 or S26 or S29 or S30 S38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:47
S41	556	S29 not (S32 or S33 or S26 or S28 or S30 S38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:48
S42	1031	S26 not (S32 or S33 or S28 or S29 or S30 or S38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 14:48
S43	16	("3947193"   "4732529"   "4826393"   "5165872").PN. OR ("5553998").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 07:00
S44	1193	415/90.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S45	903	415/199.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S46	649	416/176.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S47	226	416/177.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S48	885	holweck or siegbahn or gaede	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S49	380	S48 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11

S50	291	415/74.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S51	1140	415/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S52	939	S51 not (S49 or S50 or S44 or S45 or S46 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:11
S53	855	S45 not (S49 or S50 or S44 or S46 or S47 or S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 07:50
S54	556	S46 not (S49 or S50 or S44 or S45 or S47 or S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 08:11
S55	169	S47 not (S49 or S50 or S44 or S45 or S46 or S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 08:51
S56	14	("20020025249"   "4732529"   "4797068"   "4826394"   "4978276"   "5733104"   "6435811").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/12 09:04
S57	1141	415/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/15 09:24
S58	292	415/74.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/15 09:24
S59	1203	415/90.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/15 09:24
S60	918	415/199.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/15 09:24

S61	651	416/176.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERVENT	OR	ON	2010/03/15 09:25
S62	227	416/177.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERVENT	OR	ON	2010/03/15 09:25
S63	13	("5238362"   "5611660"   "5733104"   "6030189").PN. OR ("6193461").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:23
S64	1552	pumping adj stage	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:37
S65	1158	S64 and (third or three)	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:37
S66	348	(third or three) same (pumping adj stage)	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:37
S67	201	S66 and vacuum	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:37
S68	1	"5238362".pn.	US-PGPUB; USPAT; USOOR	OR	ON	2010/08/24 10:51

**EAST Search History (Interference)**

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8/24/2010 11:18:37 AM

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Vacuum pump.wsp